

## PATENT ABSTRACTS OF JAPAN

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(21)Application number : 04-359391

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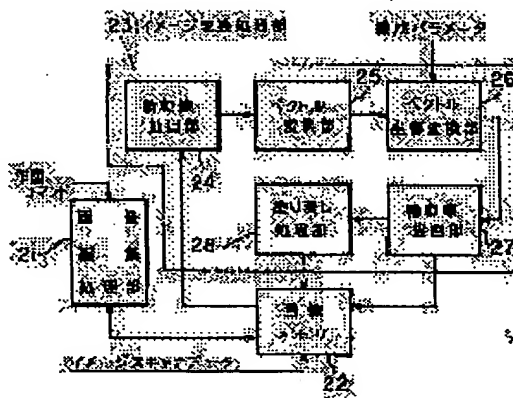
(72)Inventor : ARAKAWA MASAHIRO

### (54) TEXTILE DESIGNING DEVICE

#### (57)Abstract:

**PURPOSE:** To drastically shorten a period from designing to the completion of a product by automating the whole process from the plan designing of textile to weaving.

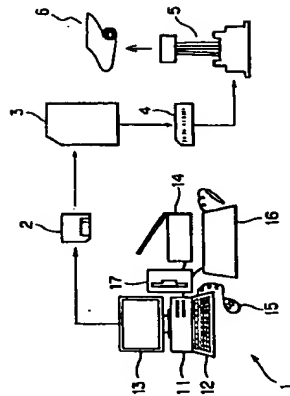
**CONSTITUTION:** An outline extracting part 24 extracts outline data of the pattern of each color from raster data (positive picture) drawing the pattern of textile. A vector transformation part 25 transforms extracted outline data of the pattern of each color to vector data. A vector coordinate transformation part 26 coordinate-transforms vector data of the pattern of each color based on a parameter showing the density of the warp and the weft of textile to enlarge/reduces an image. An outline plotting part 27 plots the outline of the pattern of each color in a memory by a dot density corresponding to the density of the warp and the weft of textile based on transformed vector data. A paint-out processing part 28 paints-out the inside of the outline of the pattern of each color with each color so as to generate raster data for preparing a design drawing with the dot density corresponding to the density of the warp and the weft of textile.







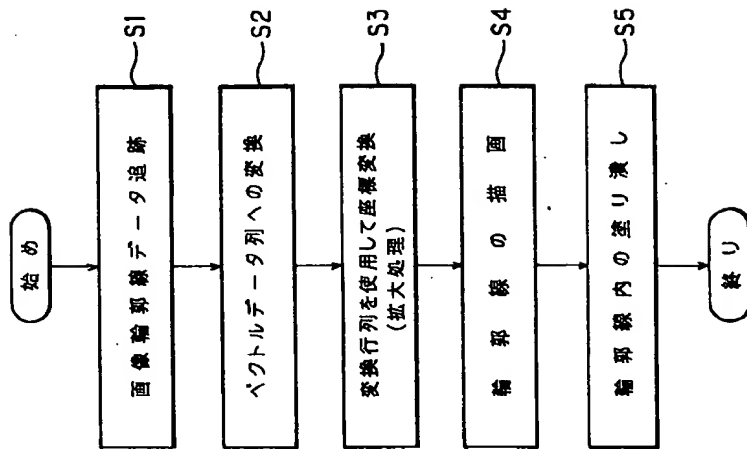
【図1】



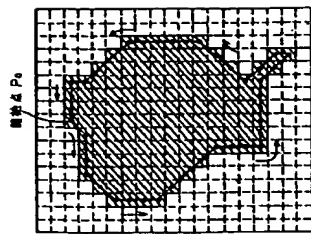
【図8】



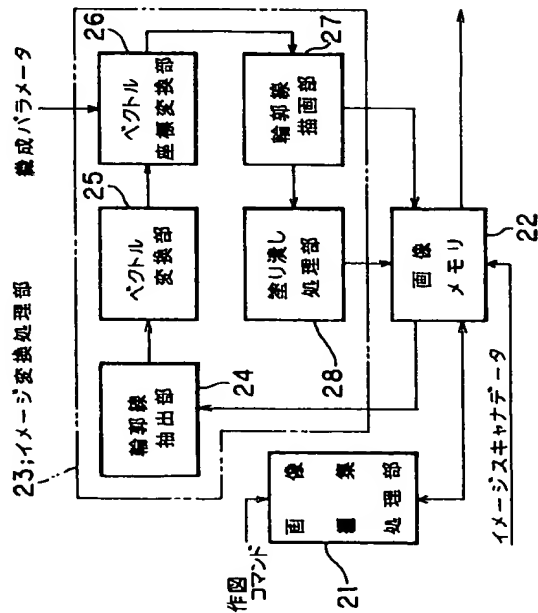
【図3】



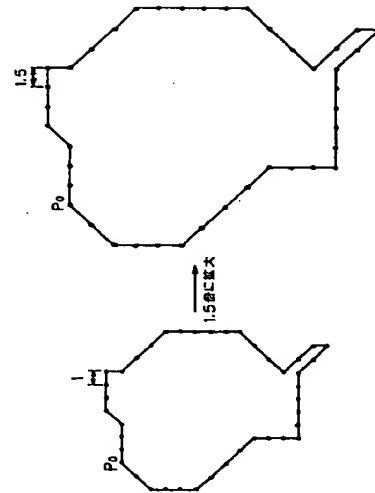
【図5】



【図2】



【図7】



【図4】

